

Transformation via heat shock

- Thaw 100 µl **chemocompetent *E. coli*** cells on ice
- Add 0.5-5 µl plasmid to 100 µl chemocompetent cells
- Store cells on ice for 10-30 minutes
- Heat shock for 90 seconds at 42 °C
- Transfer transformation reaction to 450 µl **SOC-Medium** and incubate 1 h at 37 °C
- Centrifuge 3 minutes at 1200 rpm and plate on selective **LB-Medium**
- Incubate over night at 37 °C

